STATE	**ANYSTATE**
FIELD OFFICE	**ANYOFFICE**
MLRA	**ANYMLRA**
COMMON RESOURCE AREA (CRA)	
RESOURCE INTERPRETATIONS	*Enter available interpretative data for each resource*
SOIL	**USDA-NRCS Soil Survey**
WATER	**DEQ 303(d) List**
AIR	**Local Information**
PLANTS	**Local Information, USDA-NRCS Soil Survey**
ANIMAL	**Local Information, T&E List**
HUMAN	**Pop. Census, Local Information**
HYDROLOGIC UNIT	
SYSTEM TEMPLATE LABEL	**Crop Land CMU 1b with forestry technology**
SYSTEM NAME	**Crop**
PLANNING PHASE	**Alternative 1**
PLANNING LEVEL	**RMS**
NRCS LANDUSE	**Crop**

PLANNED CONSERVATION PRACTICES	*List conservation practices in the system*
1.	**Alley Cropping - 311**
2.	**Vegetative Barrier - 601**
3.	**Conservation Crop Rotation - 328**
4.	**Upland Wildlife Habitat Management - 645**

SYSTEM NARRATIVE — *Describe how the practices work together as a system*

CMU 1b sheet and rill, and concentrated flow is reduced by the addition of a vegetative barrier for short-term erosion control and alley cropping for long-term erosion control. The landowner had previously agreed to continue his conservation cropping rotation. He will also be receiving a supplemental income from the nut trees he planted as part of the alley cropping system. There are also increased hunting opportunities with the new system.

RESOURCE CONCERNS	SYSTEM EFFECTS	IMPACTS
Soil Erosion; Sheet & Rill	**sheet and rill erosion meets "T"**	**Soil loss was reduced from 15 T/A/Y to 2 T/A/Y. Quality Criteria was met.**
Soil Deposition; Onsite Damage	**soil deposition is reduced**	**Reduced soil deposition reduced sediment yield. Quality Criteria is met.**
Plant Suitability; To Intended Use	**stiff stemmed grasses and trees are planted that reduce soil loss**	**Plants suitable to Alley Cropping in 5% of cropland meets landowner objective. Quality Criteria is met.**

Human Economic; Profitability	**crop production is increased**	**Long-term, a good profit is expected. Quality Criteria is met.**
Animal Habitat, Wildlife: Cover &/or Shelter	**wildlife cover is improved**	**Cover & Shelter meet the 30% requirement for the species of concern. Quality Criteria is met.**
Soil Erosion; Concentrated Flow, ephemeral gully	**Ephemeral gully has been controlled.**	**Erosion is controlled in treated area. Quality Criteria is met.**